

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by:
Mark Labhart

GENERAL INFORMATION:

Name:	McKechnie Vehicle Component
Address:	801 John C. Watts Drive, Nicholasville, KY 40356
Date application received:	December 4, 1998
SIC/Source description:	3714
AFS (10-digit) Plant ID:	21-113-00017
Application log number:	50686 (Log #F891)
Permit number:	V-04-014

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
___ Administrative	<input checked="" type="checkbox"/> Title V
___ Minor	<input checked="" type="checkbox"/> Synthetic minor
___ Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy) (2003 reported)	Potential (tpy)
PM	19.3	28.2
SO ₂	0.03	0.06
NO _x	4.8	10.0
CO	4.3	8.4
VOC	114.2	225*
LEAD	N.A.	N.A.
Total Chromium		0.002
HAP > 10 tpy (by CAS)		
1330-20-7 (Xylene)	40.5	310.5
108-88-3 (toluene)	10.7	69.9
78-93-3 (MEK)	21.6	213.2
108-10-1 (MIBK)	8.6	55.2
Varies (Glycol Ethers)	11.1	95.8

* SYNTHETIC MINOR LIMIT

SOURCE PROCESS DESCRIPTION:

McKechnie manufactures plastic wheel covers for the automotive industry. Plastic pellets are conveyed from storage silos to transfer bins. The bins feed injection molding machines. After molding wheel covers are either painted or chrome plated. Many of the covers have a small inset detail which is painted on the mask painting line. The major painting is performed in several large completely enclosed booths using robotic sprayers. Fine work such as the edge of the cover is done on the COE (Chain On Edge) Line, which also has enclosed booths.

There are two natural gas-fired boilers for process and space heat. Natural gas-fired ovens dry the painted hubcaps. Additionally, there is a chrome-plating process for the hubcaps which require chrome.

EMISSION AND OPERATING CAPS DESCRIPTION:

There is a VOC emissions limitation of 225 tons per year for the facility to preclude the applicability of regulation 51:017, Prevention of significant deterioration of air quality.